

Amendments to the Claims

Please cancel claims 1-59 and 62-85 without prejudice to prosecuting the same in a continuing application. Please add new claims 86-90 as follows. A complete listing of the claims with proper claim identifiers follows.

Listing of Claims

1-59. (Canceled)

60. (Previously presented) A method of reducing sympathetic resonances of a component in a hard disc drive comprising:

- a) providing a hard disc drive component;
- b) determining a desired resonance spectrum of frequencies to avoid for said hard disc drive component;
- c) placing said hard disc drive component in a mold cavity of an injection molding machine having a controllable fill rate and a controllable injection pressure;
- d) closing said mold cavity;
- e) injecting a molten phase change material into said mold cavity;
- f) monitoring and controlling the pressure in the mold cavity; and
- g) monitoring and controlling one or more of the fill rate of said molten phase change material and injection pressure to obtain said hard disc drive component with the phase change material thereon, having said desired resonance spectrum.

61. (Original) The method of claim 60 wherein said desired resonance spectrum is achieved by tuning the fill rate and pressure to a predetermined set-point fill rate and a predetermined set-point pressure.

62-85. (Canceled)

86. (New) A method of producing a motor component with a desired resonance spectrum comprising:

- a) providing a motor component;
- b) determining a desired resonance spectrum;
- c) placing said motor component in a mold cavity;
- d) closing said mold cavity;

- e) injecting a molten phase change material into said mold cavity;
- f) monitoring and controlling the pressure in the mold cavity; and
- g) monitoring and controlling one or more of a fill rate and an injection pressure of said molten phase change material to obtain said motor component with the phase change material thereon, having said desired resonance spectrum.

87. (New) A method of producing an electrical device with a subcomponent having a desired resonance spectrum comprising:

- a) providing a subcomponent of said electrical device;
- b) determining a desired resonance spectrum of that subcomponent;
- c) placing said subcomponent in a mold cavity;
- d) closing said mold cavity;
- e) injecting a molten phase change material into said mold cavity;
- f) monitoring and controlling the pressure in the mold cavity;
- g) monitoring and controlling one or more of a fill rate and an injection pressure of said molten phase change material to obtain said subcomponent with the phase change material thereon, having said desired resonance spectrum; and
- h) assembling said electrical device using said subcomponent.

88. (New) The method of claim 60 wherein the step of controlling the pressure in the mold cavity is accomplished by opening and closing one or more valve gates associated with said cavity.

89. (New) The method of claim 86 wherein the step of controlling the pressure in the mold cavity is accomplished by opening and closing one or more valve gates associated with said cavity.

90. (New) The method of claim 87 wherein the step of controlling the pressure in the mold cavity is accomplished by opening and closing one or more valve gates associated with said cavity.